

19991210.ba v02_n750.bam.991210

>From ???@??? Sat Dec 11 08:11:03 1999
Message-Id: <199912102153.dBALqxu00128@sco.theporch.com>
Date: Fri, 10 Dec 1999 15:52:21 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2750

BOATANCHORS Digest 2750

Topics covered in this issue include:

- 1) multiproduct a-54
by luc dugas <collins2@globetrotter.net>
- 2) Re: BOATANCHORS digest 2749
by Stanley A McIntosh <mcintos@basf-corp.com>
- 3) ADMINISTRIVIA: No More Reposts
by listown@jackatak.theporch.com (Mail List Owner)
- 4) You think mouse droppings are bad!
by Arden Allen <gumbear@pacbell.net>
- 5) Hallicrafters SR series xcvr's wanted
by "ROBERT F. KEMP" <rkemp@mr.net>
- 6) Re: Chlorine and White Wash
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 7) COMPRESSED AIR & WATER
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 8) RE: COMPRESSED AIR & WATER
by "Ed Tanton" <n4xy@att.net>
- 9) Re: COMPRESSED AIR & WATER
by "Garey Barrell" <k4oah@mindspring.com>
- 10) Bristol wrenches - found
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 11) Re: COMPRESSED AIR & WATER
by "Mike Feher" <n4fs@monmouth.com>
- 12) Re: Bristol wrenches - found
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 13) Re: COMPRESSED AIR & WATER
by Arden Allen <gumbear@pacbell.net>
- 14) Re: COMPRESSED AIR & WATER
by AAFRadio@erols.com
- 15) Re: COMPRESSED AIR & WATER
by "Mike Feher" <n4fs@monmouth.com>
- 16) AF-68 audio driver transformer still needed
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 17) Re: Gentlemen start ur Hartleys
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 18) FS: Knight VFO

- by Avery Comarow <acomarow@usnews.com>
- 19) re: Knight VFO
by Avery Comarow <acomarow@usnews.com>
- 20) Re: AF-68 audio driver transformer still needed
by Arden Allen <gumbear@pacbell.net>
- 21) Question - Filament tapped resistance in TGTP transmitters
by "Don Buska" <d.buska@aaiate.com>
- 22) WTB HP 3305 plug-in for Function Generator and manual
by Roy Morgan <roy.morgan@nist.gov>
- 23) RE: SP-600 Dial Cleaning
by Rich Force <bhabooks@together.net>
- 24) 3-WIRE CONNECTION OF BA'S / OVERSEAS
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)

Message-ID: <384FB3BE.D12F012C@globetrotter.net>

Date: Thu, 09 Dec 1999 09:50:55 -0400

From: luc dugas <collins2@globetrotter.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: multiproduct a-54

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

hi gang i decided to part with multiproduct stuff i have. a-54 mobile transmitter. af-67 transceiver pmr-6 and pmr-7 receiver and psr-117 ac power supply. luc ve2lgj 73s

From: Stanley A Mcintosh <mcintos@basf-corp.com>

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <85256842.0059CA02.00@basf-corp-gw01.basf-corp.com>

Date: Thu, 9 Dec 1999 11:25:45 -0500

Subject: Re: BOATANCHORS digest 2749

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>>What is in white wash that can react with bleach to make phosgene gas? I
>>always thought that phosgene could be made by mixing chlorine bleach and
>>ammonia.

Nah, you make chloramine by mixing hypochlorite with ammonia. Well, the reaction actually depends on disproportionation of hypochlorite/chloride to/from a solution of chlorine gas in the medium. The mechanism is similar to reaction between iodine and ammonia, and if you don't already know the resulting product, then you certainly don't need to ;>)

Chloramine is very toxic, but still not phosgene. You aren't going to get phosgene in an aqueous system; household ammonia and bleach firmly fall into that category. Phosgene plus water rapidly gives hydrogen chloride plus carbon dioxide. Well, I sort of take that back. You won't get phosgene as anything but a transient intermediate in an aqueous system. The body metabolizes chloroform into phosgene as an intermediate, but it doesn't last long.

So, if you try ammonia to lift off tobacco crud, age, mouse-droppings, whatever, be sure to rinse well before hitting with bleach.

later,
stan
kd4bth

Message-Id: <199912091715.dB9HF2i13685@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: No More Reposts
Date: Thu, 9 Dec 99 11:15:01 CST

Gang-

This is a reminder that reposting of For Sale or Wanted items from other internet sources (lists and auctions) is discouraged.... may prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list, that creates NO problem. What we are trying to avoid are "seen on EBay" or "prime rig on xxx list" type posts... Very few BA members limit their searching to just the BA list!

The problem comes when the poster in the other venue is not asked about the re-post... without the permission of the poster, problems are guaranteed, and I do not have the time, the energy, or the desire to address and deal with the headaches that re-posting causes... I'll grant you that folks in other venues need to be re-calibrated, but I do NOT want to referee! ;^)

So, henceforth, let's have NO re-posts from other sources referred to the list. Yes, I know this may sound pretty provincial, but those who really care have browsers and know where to look, and those who don't, probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Thu Dec 9 11:15:01 CST 1999

Date: Thu, 09 Dec 1999 09:28:58 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: You think mouse droppings are bad!
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FMH00IIHHX7PB@mta4.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Radio hypochondriacs;

Somewhat of a coincidence, during the mouse thread I received two pieces of BA test equipment, from separate sources, that have a common trait. They are, to me, more disgusting and unpleasant to deal with than a rig full of mouse manure. They were previously owned by smokers and they reek of tobacco tar. And they display the brown and amber grundge throughout. Talk about a cleaning chore.....yuk! Just short of cremation may do the job.....

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

+++ Politics is the mother of invention. +++

Message-ID: <3850B33E.43B0@mr.net>
Date: Fri, 10 Dec 1999 00:01:02 -0800
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafters SR series xcvr's wanted
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a xmas gift for myself(another one) that is!

Anyone have a SR160, SR150, SR400, SR500 sitting around they'd like to get rid of?

You can let me know.

Bob.

Date: Thu, 09 Dec 1999 11:15:15 -0700 (MST)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: Re: Chlorine and White Wash
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.991209110708.541090469E-100000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Wed, 8 Dec 1999 Jderm740@aol.com wrote:

> What is in white wash that can react with bleach to make phosgene gas? I
> always thought that phosgene could be made by mixing chlorene bleach and
> ammonia.

Can't be done. Conversation with Barry has led me to conclude that I don't know what I am talking about and neither did the guy who told me it was phosgene. I did indeed have a very unpleasant house full of noxious gas and I did indeed have a nice clean unpainted surface but there seems to be no forthcoming explanation of what happened.

Comes to that, it doesn't seem likely that the box was painted with whitewash because whitewash should not have responded that way to bleach. I did learn one thing sure thing from Barry: the only way he has found to kill mildew is Paradichlorobenze (and why not? Paradichlorobenzene will kill just about anything!)

I don't know what is in the box but I have not intention of pouring bleach in any more white painted wooden boxes and when you end up dead it is moot whether you were poisoned by chlorine, chloramine, or phosgene.

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Thu, 9 Dec 1999 14:58:41 -0500 (EST)
Subject: COMPRESSED AIR & WATER
To: Old Tube Radios <boatanchors@theporch.com>

From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9912091458.aa07771@pcusa01.ecunet.org>

I have absolutely NO INTEREST in buying ANY BA that's been sprayed with or under water!

There are just too many variables in parts & parts quality (e.g. hygroscopic materials, often hidden from sight) to make this worthwhile.

What is the point? You CAN'T have factory condition ever again, it's GONE, IRRETRIEVABLE, IRREVERSABLE, DEAD (reminds me of Monty Python's dead parrot skit). We're NOT working on a cleaning of the Sistine Chapel's ceiling here.

I don't care who does it or for what reason, it's flood-damaged stuff when you're done, better known as near junk!

I hope I never get "doused" into buying any equipment that's been through this. God save me from this kind of "restoration".

Do you want to see your face reflected in chassis shine or USE the BA stuff? The debate over which furniture polish to use reminds me of stuff in newspaper advice columns for housekeepers.

Give a real break to our BA posterity, don't let them inherit this kind of abused BAs.

Soap box mode = off.

-John Sehring (Thu, Dec 9, 1999 Custer SD USA) UCC WB0EQ

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: COMPRESSED AIR & WATER
Date: Thu, 9 Dec 1999 15:16:21 -0500
Message-ID: <NBBBJDEEIFDDANGEGHLBEECGIBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

THE 2nd fastest way to kill a (non-hermetic) transformer is to directly spray it with even lightly pressurized water. The 1st fastest method is to follow that spray with compressed air, pushing whatever water got into it further in. NO amount of baking that won't harm the plastics will remove that water. Back (1970s) when we used to wash 545s to 453s scopes at Tektronix, the average was worse than 1 out of every 3 requiring a new

transformer-and I was careful!

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Message-ID: <001701bf4289\$7e965f40\$240045cf@com>

From: "Garey Barrell" <k4oah@mindspring.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: COMPRESSED AIR & WATER

Date: Thu, 9 Dec 1999 16:08:06 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ed -

Now THAT's a statement I have never seen before..... (And I've been listening for a LONG time! :-).) I've heard ever since my NASA Huntsville days in the early sixties, (see, I told you it's been a long time,) that "washing equipment with water was fine", because "even Tektronix did it." Confirms a long held suspicion..... I guess since Tek had their "lifetime" power transformer warranty it didn't really matter then. Not so today.

1 out of 3..... Not great odds.

Thanks Ed.

73, Garey - K40AH
Atlanta

----- Original Message -----

>. Back (1970s) when we used to wash 545s to 453s scopes at
> Tektronix, the average was worse than 1 out of every 3 requiring a
new

> transformer-and I was careful!

>

> 72 / 73 Ed N4XY email: <n4xy@arrl.net>

>

Message-ID: <384FD9C5.D37@lehigh.edu>

Date: Thu, 09 Dec 1999 16:33:09 +0000

From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Bristol wrenches - found
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted a notice recently asking where to get Bristol wrenches. The results:

I was able to borrow a set of spline (Bristol) wrenches from the shop in the ECE Department at Lehigh University and I found a mating one.

All the small knobs on the 390A use a .096" 6-point spline wrench. The two large knobs should use the same wrench, but I have not succeeded in locating the keyhole.

I received a number of suggestions as to where to get them. In order of non-usefulness they were:

1. a Sears Hardware Store (not the regular store). I called first and the person who answered had never heard of a spline key. This got a "Hey Harry"; Harry had never heard of them either and was sure they never had any. I'll wait until the Craftsman Club Card sale starting Sunday before I go over there to look. Every time I go I find some tool that I "just have to have", so I might as well wait and get it at a discount.
2. Purchase Radio - they advertise in ER. Their web site is not for ordering. If you live near Ann Arbor, they might be a good source, but not for someone in PA.
3. CooperTools.com - they linked me to Xcelite.com. They have a 115 page pdf catalog. I never really found what I wanted; just some 6-packs which I would buy if I had 5 friends.
4. contacteast.com - they have one or two spline bits and an 11-piece kit of 9 bits, an extension and a handle - \$38.00
5. mcmaster.com - THE WINNER - an easily searched catalog which lists 20 short-arm spline keys (4 4-point and 16 6-point) and 18 long-arm spline keys. Prices start at 70cents; the .096 short is \$.80 and the .096 long is \$.93. They also have kits of various size ranges in plastic pouches and spline drivers at \$7.00 each. The kits are nice except you are paying two bucks over the individual costs for the plastic pouch. They ship on open account. (So far).

Thanks to everyone who replied to my posting. My spline keys will be here soon and I can return the spline drivers I borrowed. Once again this reflector has proved to be made up of really nice people.

Art K3HBA

Message-ID: <001801bf428f\$aa670ce0\$1f3bbfd1@MikeBFeher>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: COMPRESSED AIR & WATER
Date: Thu, 9 Dec 1999 16:52:14 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gee, I just purchased an early Marconi receiver that was underwater for over 80 years. It was just recovered 3 months ago from a British Naval vessel in the North sea. 73 - Mike

Mike B. Feher, N4FS
89 Arnold, Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----
From: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Sent: Thursday, December 09, 1999 2:58 PM
Subject: COMPRESSED AIR & WATER

> I have absolutely NO INTEREST in buying ANY BA that's been sprayed with or
> under water!
>
>

Message-Id: <3.0.1.32.19991209155301.00ae8a00@vuse.vanderbilt.edu>
Date: Thu, 09 Dec 1999 15:53:01 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Bristol wrenches - found
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:33 PM 12/9/99 +0000, you wrote:

>
> All the small knobs on the 390A use a .096" 6-point spline wrench.
>The two large knobs should use the same wrench, but I have not succeeded
>in locating the keyhole.
>
The two large knobs use a clamp, rather than a direct setscrew. There is a

clamping screw, but it is on the SIDE of the shaft axis, not in line with the axis. If you rotate the large knobs, you will find a hole in the skirt. The hole is drilled at an angle. With some inspection, you can see that the angle is such that the spline wrench shaft should enter off the shaft axis on one direction only. One can often (but not always) spot the target by shining a flashlight down the hole. In any case, stick thge wrench in off-axis and hunt around. It should pop in with a bit of fiddling. Note that once the knobs are removed you can see a washer that aligns the clamp in a fixed position with respect to the knob. Do not alter this position, or you'll never find the clamp screw again....

A. B. Bonds

Date: Thu, 09 Dec 1999 16:48:31 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: COMPRESSED AIR & WATER
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FMI00EMM29WLY@mta4.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Scrubbing bubbleheads;

If Tektronix thought it was such a great idea to wash their scopes why didn't they use hermetically sealed transformers? I have yet to see any Tek scope with one. Did Tek ever publish anything on the subject?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

+++ Politics is the mother of invention. +++

Message-ID: <385057B2.BD418E19@erols.com>
Date: Thu, 09 Dec 1999 20:30:26 -0500
From: AAFRadio@erols.com
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: COMPRESSED AIR & WATER
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Feher wrote:

> Gee, I just purchased an early Marconi receiver that was underwater for over
> 80 years. It was just recovered 3 months ago from a British Naval vessel in
> the North sea.

What Mike is modestly saying is that as a result, he now has probably the only version of this receiver in existence! There ARE exceptions to every rule... :-)

73,
Mike Hanz KC4TOS

Message-ID: <008c01bf42af\$b6dfe620\$1f3bbfd1@MikeBFeher>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: COMPRESSED AIR & WATER
Date: Thu, 9 Dec 1999 20:41:41 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike -

This will be a restoration challenge Mike and I may need your help. And you are right, nobody else in their right mind would have this version, HI. But there are only a few in existence in any version so I am still pleased. The following URL shows what it looks like after the initial cleaning off of the barnacles and other accumulations. The pictures are pretty poor but should give you an idea. At least there were no modifications to it over the years, HI. 73 - Mike

<http://www.monmouth.com/~n4fs/12059916.jpg>

Mike B. Feher, N4FS
89 Arnold, Blvd.
Howell, NJ, 07731

732-901-9193> What Mike is modestly saying is that as a result, he now has probably

> the only version of this receiver in existence! There ARE exceptions to
> every rule... :-)

>

> 73,

> Mike Hanz KC4TOS

>

>

Message-Id: <3.0.5.32.19991210064354.00812d20@miavx1.muohio.edu>
Date: Fri, 10 Dec 1999 06:43:54 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: AF-68 audio driver transformer still needed
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,
I bought five driver xfmrs and several modulation xfmrs from a guy on EBay, figuring I'd have a lifetime supply for my "new" AF-68. Turns out every one was bad, and I had bought a pile of junk. So I'm still looking, in case anyone has a junker. I'm willing to buy a complete AF-68, if necessary. (Or AF-67 if it has the same audio circuitry.)

73,

JIm Garland W8ZR

Date: Fri, 10 Dec 1999 06:48:53 -0500
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199912101148.GAA01723@aaa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Gentlemen start ur Hartleys

Remember when I wrote:

> AWA OT CW contest 6P est Satiday nite 12/4 to 6P Sunday 12/5, 3550-3580,
> 10w ocillators. However between midnight & 6am, 20w* ok... so hulking p-p
> ux210s can cross the continent.
>
> So if you don't have a Hartley, then light up a TNT & have a blast
>
> rocketman
>

That was Wed. 12/1.

Well chapter 2 is next Saturday-Sunday(12/12).

Sandy 'TVW, will you be at it again? My UX210s are just panting at their 7.5V filament transformer.

Marty

Message-Id: <2.2.32.19991210143146.008f45b0@ntpop.usnews.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 10 Dec 1999 09:31:46 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: FS: Knight VFO
Cc: dcboatanchors@qth.net

There's no model number, but I assume this is the VFO that goes with the T-60 transmitter. I think it's the V-44.

First the bad: 1) There are a few rust spots on the case and one or two on the front. 2) The plexiglass dial pointer is broken where it fastens to the planetary drive. The previous owner obviously tried to epoxy it to the drive. I believe the epoxy could be chipped away from the drive and a new pointer fashioned and put in place. 3) No manual.

Now the good: 1) It is very clean inside. No smoker's deposit, no corrosion. 2) Nice wiring job (whether kit or factory I don't know). 3) Original knobs.

I do not know whether it works and am selling it strictly as is, with the tubes that came with it (packed separately).

I'll take \$30 plus shipping, or best offer over that

73, Avery W3AVE in Potomac, MD

Message-Id: <2.2.32.19991210154440.008e2aec@ntpop.usnews.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 10 Dec 1999 10:44:40 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: re: Knight VFO
Cc: dcboatanchors@qth.net

Gang, I apologize for violating our protocol. Since I put this item up at a specific price or the best offer above that price, I should have included a time cutoff.

I will stop the clock 48 hours from when I posted the VFO for sale, or about 9:30 EST Sunday morning.

Nobody has snarled at me yet, but that's because you're all a) too polite to do so or b) haven't yet read the original post.

73, Avery W3AVE

Date: Fri, 10 Dec 1999 08:17:33 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: AF-68 audio driver transformer still needed
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FMJ003AJ9S1YB@mta2.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hello Jim;

> I bought five driver xfmr's and several modulation xfmr's from a guy on
EBay,
> figuring I'd have a lifetime supply for my "new" AF-68. Turns out every
one
> was bad, and I had bought a pile of junk. So I'm still looking, in case
> anyone has a junker. I'm willing to buy a complete AF-68, if necessary.
(Or
> AF-67 if it has the same audio circuitry.)

Another cannibal. I hate it when a restorable rig has got to die so
another may live (sound familiar?). When it comes to BA's I'm a
"right-to-lifer".

Perhaps it's time to start a thread on repairing and rewinding
transformers. With a little preparation, namely making a winder, the task
is not as formidable as it sounds. Yes, there is work involved but the
reward certainly is worth it, IMHO. The down side is trying to find magnet
wire without paying a senator's election fund (formerly king's ransom) for
it. I've got a ton of 32 AWG magnet wire in case anyone needs that size.
Just tell me how many feet you need to do a winding (I won't sell the whole
roll).

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

+++ Politics is the mother of invention. +++

From: "Don Buska" <d.buska@aaiate.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 10 Dec 1999 10:28:21 -0800
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Subject: Question - Filament tapped resistance in TGTP transmitters
Message-Id: <18283552306615@il1.aaiate.com>

Let me take you all, way back! I am working on collecting the parts to build a MOPA transmitter that appeared in an early 30's Short Wave Craft magazine. It uses a 45 TGTP OSC (MO) and a 46 AMP (PA). I have been collecting magazine articles on many of the self-oscillating transmitters from the 20's and 30's. In all cases so far they have used a tapped resistor in the filament leads for the purpose of hum balancing (elimination). I found a perfect power transformer that has the 2.5VAC (5A) winding for this project. My transformer has a center tapped 2.5VAC winding though. So the question of the hour is, can I eliminate the tapped resistance and simply use the transformers center tap? The RF caps will remain naturally.

The articles always seem to skip a detailed explanation about the tapped resistor other than saying it is there to balance out any hum introduced by the filament into the RF signal via internal grid coupling. If the resistor has any other purpose I haven't found one reference to it in the articles, but then I'm sure they had tapped filament transformers back then, didn't they?

A true BA question es 73

Don N900

Message-Id: <199912101837.NAA18028@sdct-sunsrv1.ncsl.nist.gov>
Date: Fri, 10 Dec 1999 13:44:36 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: WTB HP 3305 plug-in for Function Generator and manual
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anchorites..

Wanted:

Manual for HP 3300 function generator.
3305 plug-in for same. (Other plug-ins considered)

Thanks in advance,

Roy

- Roy Morgan

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7130 Panorama Drive, Derwood MD 20855
301-330-8828

Message-Id: <4.2.2.19991210204901.00aa8900@pop.together.net>
Date: Fri, 10 Dec 1999 20:50:21 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: Rich Force <bhabooks@together.net>
Subject: RE: SP-600 Dial Cleaning
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Here is an update on my dial cleaning experience.

First I would like to thank all those who sent their suggestions as to procedure.

The rig I have was stored in Military storage for about 5 years and sat in my friends basement for I don't know how long. It was quite dirty. I at first thought the Dial paint was flaking off but after removing the front panel I realized that it was not flaking just very dirty. Most of the suggestions I had said to use mild soap and water or Windex (blue window cleaner) to do the cleaning. This is what I thought too.

The soap and water and Windex did nothing to really clean the dial. I had bought cotton pads to do the cleaning since I didn't want to get any scratching. These pads got dirty but the black grudge just moved around on the dial. It was almost greasy. Maybe furnace soot? I don't really know what it was but it was black and spotty and looked greasy when water was applied. After playing for a while with the Windex etc. I decided something stronger was needed. I tried "Simple Green" and water and it did the trick very nicely. I wiped it on let it set for a minute or two and wiped it off. The dial turned white and the numbering remained black. It took about two applications but it now looks great.

One word of warning for those of you who remove the front panel from your SP-600. Check the Audio volume control wiring before putting the panel back. Once the panel is in place the Audio Control wiring is inaccessible and the panel will have to be re-removed. It seems that someone had spliced new wires on the the end of the shielded wiring going to my Audio Control. They had not insulated the splice and it was only about 1/8" from the shield. In removing and replacing the front panel I had of course, moved these wire and they shorted to the shield. I didn't realize this until it was all back together and there was no volume. I wasted an hour removing the panel, fixing the wires and replacing the panel. Live and Learn.

Thanks again to all that helped,

73,

Rich WB1ASL

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Fri, 10 Dec 1999 16:50:51 -0500 (EST)
Subject: 3-WIRE CONNECTION OF BA'S / OVERSEAS
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9912101650.aa01072@pcusa01.ecunet.org>

To: boatanchors@theporch.com

Please note that in Australia (England, maybe Europe in general), the 240 VAC lines are NOT set up like ours.

In USA we get two phases (opposite polarity to each other, 180 degrees out of phase), via a **pair** of 120 VAC lines coming in.

To get 120 volts, you use **either** hot side & neutral. Tip: the neutral is shared by both sides. That makes this line "balanced", like balanced audio lines.

To get 240 volts, you use **both** hot sides. The neutral is then not used. 240 V devices connected to this kind of balanced line are capable of rejecting common mode interference & fluctuations because both sides rise & fall together and so the voltage difference remains the same. [for more on this, see my article in Audio Electronics, 4/1998, p. 18, "Unleash Your AC Power Line"]

In both cases (120 & 240 V), there is a separate safety ground, a separate conductor.

O'seas, it's just 240 V **single** phase. Think of it as one-half of a USA setup except at 240 V instead of 120 V. That makes it "single-ended" or "unbalanced".

-John Sehring (Fri, Dec 10, 1999 Custer SD USA) UCC WB0EQ

End of BOATANCHORS Digest 2750
